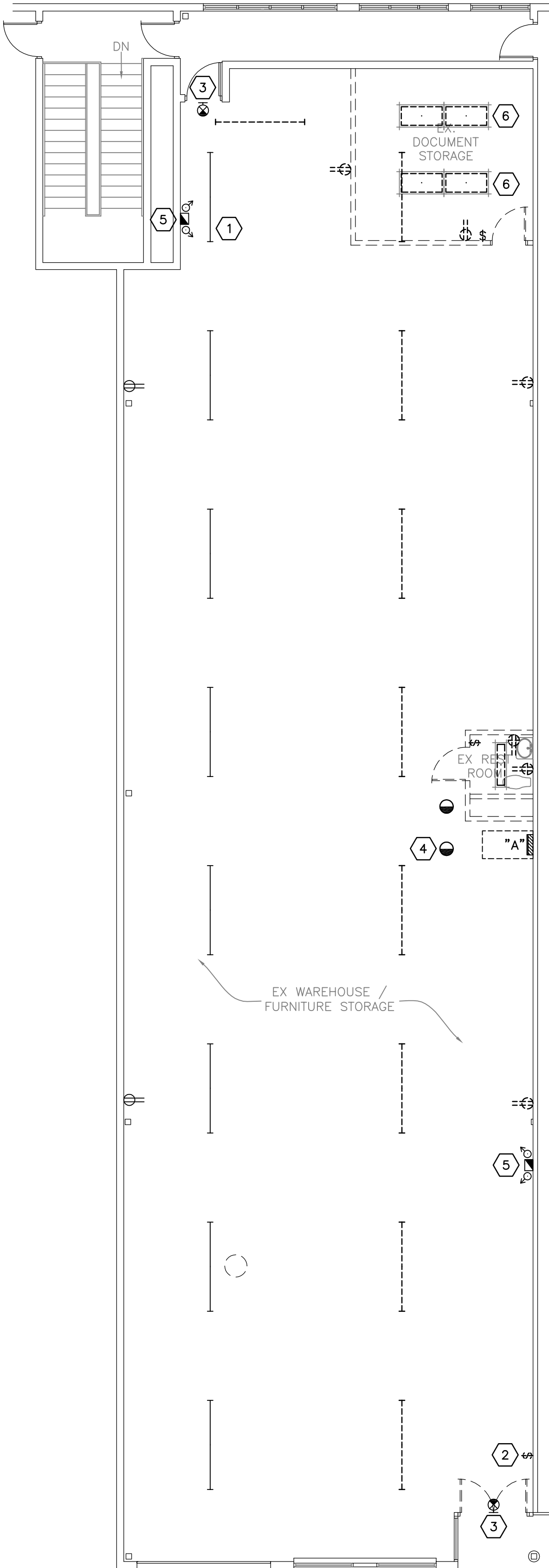


LIGHTING FIXTURE SCHEDULE						
NOTE TO BIDDERS: COMPLY WITH SPECIFICATIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES IN CATALOG NUMBERS LISTED. THE BIDDER IS RESPONSIBLE FOR PROVIDING ALL REQUIRED SPECIALTY MOUNTING KITS, AS REQUIRED BY THE RESPECTIVE FIXTURE(S) AND ALL ASSOCIATED ACCESSORIES FOR A COMPLETE INSTALLATION. PROVIDE WITHIN SEVEN (7) DAYS OF THE BID DATE UNIT PRICES FOR EACH LISTED FIXTURE TYPE FOR ADD/DELETE CHANGES WHICH MAY OCCUR. ALTERNATES TO THE LISTED FIXTURES MAY BE SUBMITTED PROVIDED THE ALTERNATE FIXTURE MATCHES THE LISTED FIXTURE IN ALL MATERIAL RESPECTS AS DETERMINED AT THE SOLE DISCRETION OF THE ELECTRICAL ENGINEER. THE BIDDER IS RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH FIXTURES WHICH ARE DETERMINED NOT TO MATCH THE LISTED FIXTURE IN ALL MATERIAL RESPECTS.						
SYMBOL	MARK	FIXTURE CHARACTERISTICS BODY / AIR / MOUNTING / DOOR LENS/LOUVER/REFLECTOR/OTHER	LAMP	WATTS	VOLTS	MANUFACTURER CATALOG NUMBER NOTES
	E	EMERGENCY BATTERY PACK CAPABLE OF USE WITH SWITCHED FIXTURE		120/277V3W		BODINE B30ST
E10		EXIT SIGN: METAL HOUSING; CEILING MOUNT, SEE DRAWINGS; ARROWS PER PLANS; LED LAMPS; EDGE LIGHTED CLEAR LENS; RED LETTERS ON CLEAR BACKGROUND. MUST MEET NFPA ILLUMINATION STANDARDS. UNITS SHOWN ARE CEILING MOUNT MODELS. CONTRACTOR TO PROVIDE MATCHING LOW LEVEL WALL MOUNTED UNITS WHERE REQUIRED.				
E10-1		SINGLE FACE:	LED	20W	120/277V MCPHILBEN	45VL-1-RC-XX
E10-2		DUAL FACE:	LED	20W	120/277V MCPHILBEN	45VL-2-RM-XX
GF		TROFFERS: RECESSED FOR GYPSUM BOARD CEILING; STATIC; SPECIFICATION GRADE; PROGRAM START ELECTRONIC BALLASTS; T8 LAMPS; ONE BALLAST PER FIXTURE WHERE POSSIBLE.				
GF-1		FLUORESCENT RECESSED FIXTURE, 1X4, TWO LAMP.	2-F32T8 REB35	65W	277/120V PINNACLE	CJ14L-2T8-FL-UNV-1X-W-SI
GF-3		FLUORESCENT RECESSED FIXTURE, 2X4, TWO LAMP.	2-F32T8 REB35	65W	277/120V PINNACLE	CJ24L-2T8-FL-UNV-1X-W-SI
GS		TROFFERS: RECESSED FOR LAY-IN GRID; STATIC; SPECIFICATION GRADE; PROGRAM START ELECTRONIC BALLASTS; T8 LAMPS; ONE BALLAST PER FIXTURE WHERE POSSIBLE.				
GS-1		FLUORESCENT RECESSED FIXTURE, 1X4, TWO LAMP.	2-F32T8 REB35	65W	277/120V PINNACLE	CJ14L-2T8-GX-UNV-1X-W-SI
GS-2		FLUORESCENT RECESSED FIXTURE, 2X2, TWO LAMP.	2-F32T8 REB35	65W	277/120V PINNACLE	CJ22L-2T8-GX-UNV-1X-W-SI
GS-3		FLUORESCENT RECESSED FIXTURE, 2X4, TWO LAMP.	2-F32T8 REB35	65W	277/120V PINNACLE	CJ24L-2T8-GX-UNV-1X-W-SI
GS-5		2X2, 2 LAMP.	2-F31T8U REB35	65W	277/120V LUMAX	CGTV-2-U6-22-E0-9-FB-RS-PRS
SS		GENERAL PURPOSE INDUSTRIAL: WHITE ENAMEL, NONAPERTURED REFLECTOR; PROGRAM START ELECTRONIC BALLASTS; T8 LAMPS; ONE BALLAST PER FIXTURE WHERE POSSIBLE; UNLESS TWO LEVEL SWITCHING IS SHOWN ON THE PLANS, STEM MOUNTED WITH TONG HANGERS.				
SS-1		4', 1 LAMP.	1-F32T8 REB35	33W	277/120V LUMAX	ER-1-32-48-E0-9-BS
SS-2		4', 2 LAMP.	2-F32T8 REB35	65W	277/120V LUMAX	ER-2-32-48-E0-9-BS
TX		SPECIAL FIXTURES AS INDICATED. MEET ALL REQUIREMENTS OF SPECIFICATIONS AND FIXTURE SCHEDULE. VISUAL AND FINISH APPROVAL REQUIRED.				
TX-1		FLUORESCENT WALL MOUNTED ARM (18") FIXTURE; PROVIDE ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION	1-F28T5 REB35	30W	120V TRANSLITE	USL4-18"-S-S-1-R-P-N
WB		WALL MOUNTED FLUORESCENT LOCATED ABOVE WALL ELEMENT (MIRROR/WHITEBOARD, ETC.): AS INDICATED ON DRAWINGS; WITH ACRYLIC INJECTION MOLDED; PROGRAM START ELECTRONIC BALLASTS; T8 LAMPS; ONE BALLAST PER FIXTURE WHERE POSSIBLE, UNLESS TWO LEVEL SWITCHING IS SHOWN ON THE PLANS.				
WB-3		2-LAMP, WALL MOUNT 48", STEEL ENCLOSURE	2-F32T8 REB35	65W	277/120V LUMAX	SL-2-32-48-E0-9-CW-PRS

PANEL "A" (EXISTING)																										
VOLTS/PHASE/WIRE: 120/240 V, 1 PH 3 WIRE					PANEL SIZE & TYPE: 22" W x 6" D, BOLT-ON					MAIN SIZE & TYPE: 125 AMPERE MAIN LUGS					LOCATION: TENANT SPACE			CABINET: SURFACE		NOTES:						
ACCESSORIES:																										
CKT NO	OCF		LOAD (kVA)			DESCRIPTION	LCL		PHASE		LCL kVA	DESCRIPTION	LOAD (kVA)			OCF		CKT NO								
	AMP	POLE	LTG	CO	PWR		A	B	LTG	CO			PWR	AMP	POLE											
1	20	1			0.7	CORR./STOR. REC. (NOTE 1)	0.7	1.9		1.2		MICROWAVE (NOTE 1)			1.2	20	1	2								
3	20	1			1.3	KIT./BATH REC. (NOTE 1)	1.3		2.5	1.2		REFRIGERATOR (NOTE 1)			1.2	20	1	4								
5	20	1			1.2	COPIER (NOTE 1)	1.2	2.7		1.5		COFFEE MAKER (NOTE 1)			1.5	20	1	6								
7	20	1			1.3	OFFICE REC. (NOTE 1)	1.3		1.4	0.2		KITCHEN REC. (NOTE 1)		0.2		20	1	8								
9	20	1			1.3	OFFICE REC. (NOTE 1)	1.3	1.8		0.5		WATER COOLER (NOTE 1)		0.5	20	1	10									
11	20	1			1.3	OFFICE REC. (NOTE 1)	1.3		1.3	0.0		SPACE			—	—	12									
13	20	1			1.1	CONF. RM. REC. (NOTE 1)	1.1	1.1		0.0		SPACE			—	—	14									
15	20	1			1.3	RECEPT. REC. (NOTE 1)	1.3		1.3	0.0		SPACE			—	—	16									
17	20	1	1.5		0.2	CORR. LTG. (NOTE 1)	2.0	1.6		0.0		SPACE			—	—	18									
19	20	1			0.1	WATER HEATER (NOTE 1)	0.1		0.1	0.0		SPACE			—	—	20									
21	20	1				EX. UNIT HEATER	0.0	0.0		0.0		SPACE			—	—	22									
23	20	1	1.6			OFFICE/KIT. LTG. (NOTE 1)	2.0		1.6	0.0		EX. LIGHTING			20	1	24									
25	60	2			4.9	RTU-1	4.9	4.9		0.0		EX. LIGHTING			20	1	26									
27	—	—			4.9	(NOTE 1)	4.9		4.9	0.0		EX. EMER. LTG.			20	1	28									
29	20	1		0.4		EX. RECEPT.	0.4	0.4		0.0		EX. LIGHTING/RECEPT.			20	1	30									
TOTALS:							kVA PER PHASE		14		13		CONNECTED TOTAL kVA							27.3						
							AMPS PER PHASE		120		108		CONNECTED AVERAGE AMPS PER PHASE							114						
NEC DIVERSIFIED LOAD CALCULATIONS																										
LIGHTING 3kVA @125% =					4 kVA					ALL OTHER LOADS @100% =					16 kVA					DIVERSIFIED TOTAL kVA =					28	
RECEPTACLES 9kVA @100% =					9 kVA					25% OF LARGEST MOTOR =					0 kVA					AVERAGE AMPS PER PHASE =					117	
REMAINDER 0kVA @ 50% =					0 kVA																					

NOTES LEGEND:
1. PROVIDE NEW CIRCUIT BREAKER. MATCH EXISTING STANDARD BREAKER TYPE AND A.I.C. RATING.

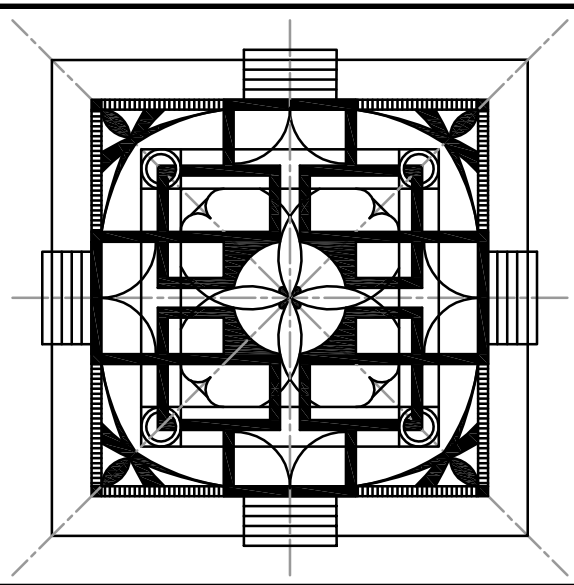


1 DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1. REMOVE ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH EXISTING DEVICES AND EQUIPMENT REMOVED DURING DEMOLITION TO NEAREST SOURCE. MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING DEVICES AND LIGHT FIXTURES WHICH ARE EXISTING TO REMAIN.



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www.symmetryfirst.com

SHEET KEYNOTES

1. EXISTING LIGHT FIXTURE TO BE RELOCATED. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
2. EXISTING SWITCH SERVING EXISTING OVERHEAD LIGHTING TO BE REMOVED. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT SERVING OVERHEAD LIGHTING FOR REUSE UNDER NEW WORK.
3. EXISTING EXIT SIGN TO BE RELOCATED. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
4. EXISTING UNIT HEATER TO BE RELOCATED. REFER TO POWER PLAN FOR ADDITIONAL INFORMATION.
5. EXISTING EMERGENCY LIGHTING FIXTURE TO BE RELOCATED. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
6. REMOVE AND SALVAGE EXISTING RECESSED FLUORESCENT LIGHT FIXTURES (QUANTITY: 4) FOR REUSE UNDER NEW WORK.

STAMP

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 37060
EXPIRATION DATE: APRIL 20, 2013

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PROJECT PHASE

**BID
DOCUMENTS**

PROJECT TITLE

**A.O.C.
TENANT
BUILD-OUT**

2001 COMMERCE PARK DR.,
SUITE 2001-B
ANNAPOLIS, MD 21401

REVISIONS

SYMBOL	DATE	ISSUED FOR
	10.21.11	PERMIT REVISION

PROJECT NUMBER 11-160
DATE 9.1.11
SCALE AS NOTED

DRAWING TITLE
**DEMOLITION
PLAN AND
SCHEDULES**

SHEET NUMBER
E.101